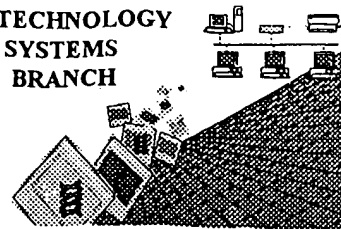


P. McInt 3

Ru R

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



## **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/901,556 B

Source:

1605

Date Processed by STIC:

5-21-03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER** **VERSION 4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003

Does Not Comply  
Corrected Diskette Needed  
*See page 2*



1600

## RAW SEQUENCE LISTING

DATE: 05/21/2003

PATENT APPLICATION: US/09/901,556B

TIME: 14:58:18

Input Set : A:\2923-286.seq.txt

Output Set: N:\CRF4\05212003\I901556B.raw

3 <110> APPLICANT: Hotten, Gertrud  
4 Neidhardt, Helge  
5 Bechtold, Rolf  
6 Pohl, Jens  
8 <120> TITLE OF INVENTION: GROWTH/DIFFERENTIATION FACTORS OF THE TGF-B FAMILY  
10 <130> FILE REFERENCE: 2923-0286  
12 <140> CURRENT APPLICATION NUMBER: 09/901,556B  
14 <141> CURRENT FILING DATE: 1999-09-24  
16 <150> PRIOR APPLICATION NUMBER: 08/289,222  
18 <151> PRIOR FILING DATE: 1994-08-12  
20 <150> PRIOR APPLICATION NUMBER: DE P 44 23 190.3  
22 <151> PRIOR FILING DATE: 1994-07-01  
24 <150> PRIOR APPLICATION NUMBER: EPO 92102324.8  
26 <151> PRIOR FILING DATE: 1992-02-12  
28 <150> PRIOR APPLICATION NUMBER: PCT/EP93/00350  
30 <151> PRIOR FILING DATE: 1993-02-12  
32 <160> NUMBER OF SEQ ID NOS: 53  
34 <170> SOFTWARE: PatentIn version 3.1

## ERRORED SEQUENCES

490 <210> SEQ ID NO: 12  
492 <211> LENGTH: 24  
494 <212> TYPE: DNA  
496 <213> ORGANISM: artificial  
498 <220> FEATURE:  
500 <223> OTHER INFORMATION: adaptor primer  
502 <400> SEQUENCE: 12  
E--> 503 agaattcgca tgccatgggc gacg  
504

*24*  
*numbering not aligned at end of  
sequence.*

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/901,556B

DATE: 05/21/2003  
TIME: 14:58:19

Input Set : A:\2923-286.seq.txt  
Output Set: N:\CRF4\05212003\I901556B.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:11; Line(s) 487

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:11,12,16,32,43

Use of <220> Feature (NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.  
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"  
or "Unknown". Please explain source of genetic material in <220> to <223>  
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)  
(Sec.1.823 of new Rules)

Seq#:43

## VERIFICATION SUMMARY

DATE: 05/21/2003

PATENT APPLICATION: US/09/901,556B

TIME: 14:58:19

Input Set : A:\2923-286.seq.txt

Output Set: N:\CRF4\05212003\I901556B.raw

L:503 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:12  
L:1142 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:43, <213>  
ORGANISM:artificial  
L:1142 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:43, <213>  
ORGANISM:artificial  
L:1142 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:43,Line#:1142